

Fig.2

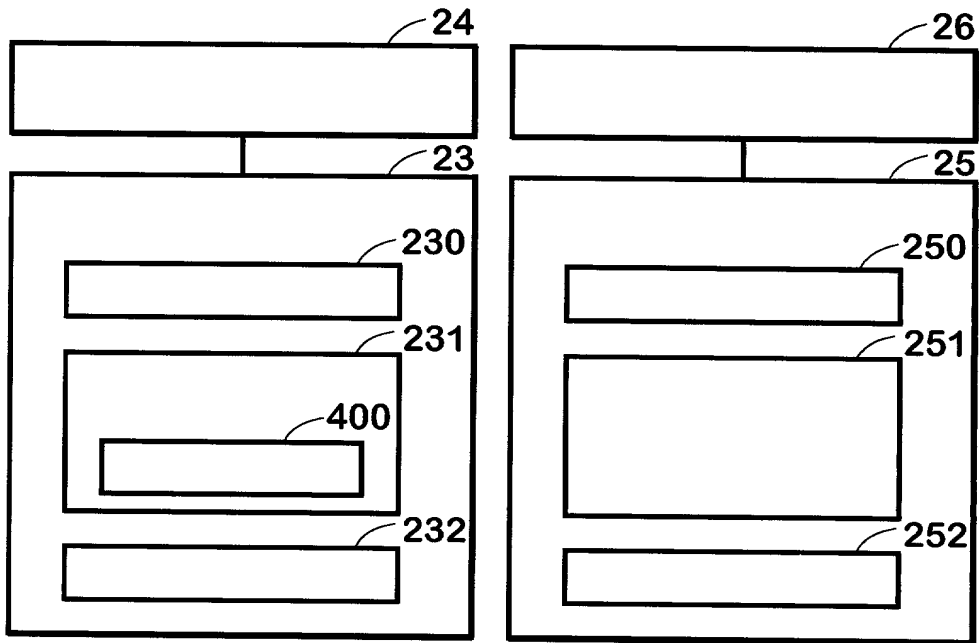


Fig.3

- (1) addAP(apID)
- (2) removeAP(apID)
- (3) list AP()
- (4) addPrincipal(apID, principalID)
- (5) removePrincipal(apID, principalID)
- (6) listPrincipal(apID)
- (7) putPrincipalInfo(apID, principalID, principalInfoKey, principalInfoValue)
- (8) getPrincipalInfo(apID, principalID, principalInfoKey)
- (9) removePrincipalInfo(apID, principalID, principalInfoKey)
- (10) listPrincipalInfo(apID, principalID)
- (11) addEventListener(apID, listenerID, listener)
- (12) removeEventListener(apID, listenerID)
- (13) listEventListener(apID)

Fig. 4

- (1) addAP(apID)
- (2) removeAP(apID)
- (3) list AP()
- (4) addKey(apID, key)
- (5) removeKey(apID, key)
- (6) listKey(apID)
- (7) putObjectInfo(apID, key, principalInfoKey,
principalInfoValueTemplate, object)
- (8) getObjectInfo(apID, key, principalInfoKey, principalInfoValue)
- (9) removeObjectInfo(apID, key, principalInfoKey,
principalInfoValueTemplate)
- (10) listObjectInfo(apID, key)

Fig. 5

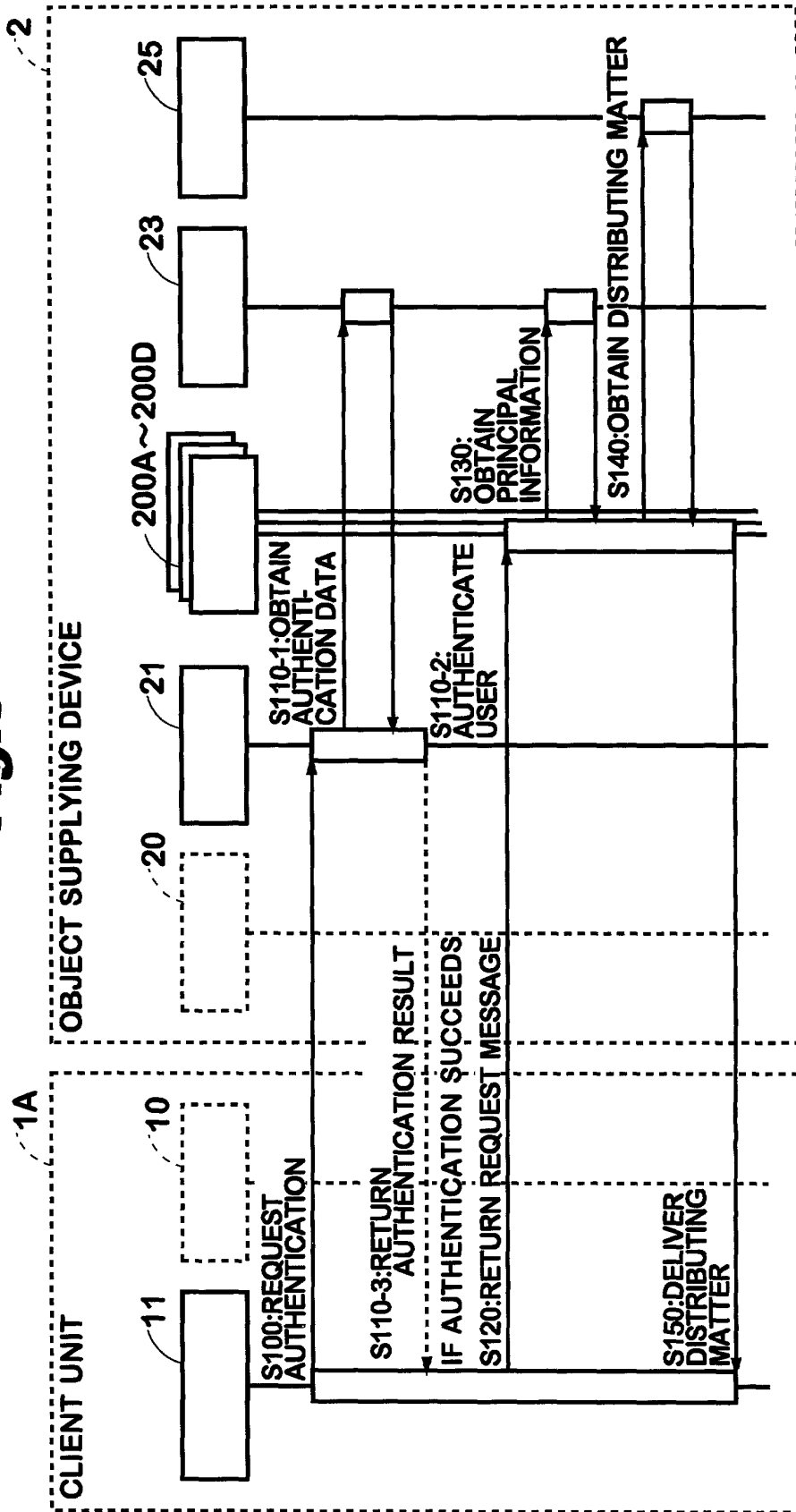


Fig.6

APPLICATION ID	PRINCIPAL ID	PRINCIPAL INFORMATION	
		PRINCIPAL INFORMATION KEY	PRINCIPAL INFORMATION VALUE
delivery	sakurai123	PersonalData	{1970/1/1, "man"}
	yamada456		{1976/5/29, "woman"}
	kobayashi789		{1973/3/2, "man"}

Fig.7

APPLICATION ID	KEY	OBJECT INFORMATION		
		OBJECT INFORMATION KEY		OBJECT INFORMATION VALUE
		PRINCIPAL INFORMATION KEY	PRINCIPAL INFORMATION VALUE TEMPLATE	
delivery	deliveryItem	PersonalData		{30, "man"} A
				{20, "man"} B
				{30, "woman"} C
				{20, "woman"} D

Fig.8

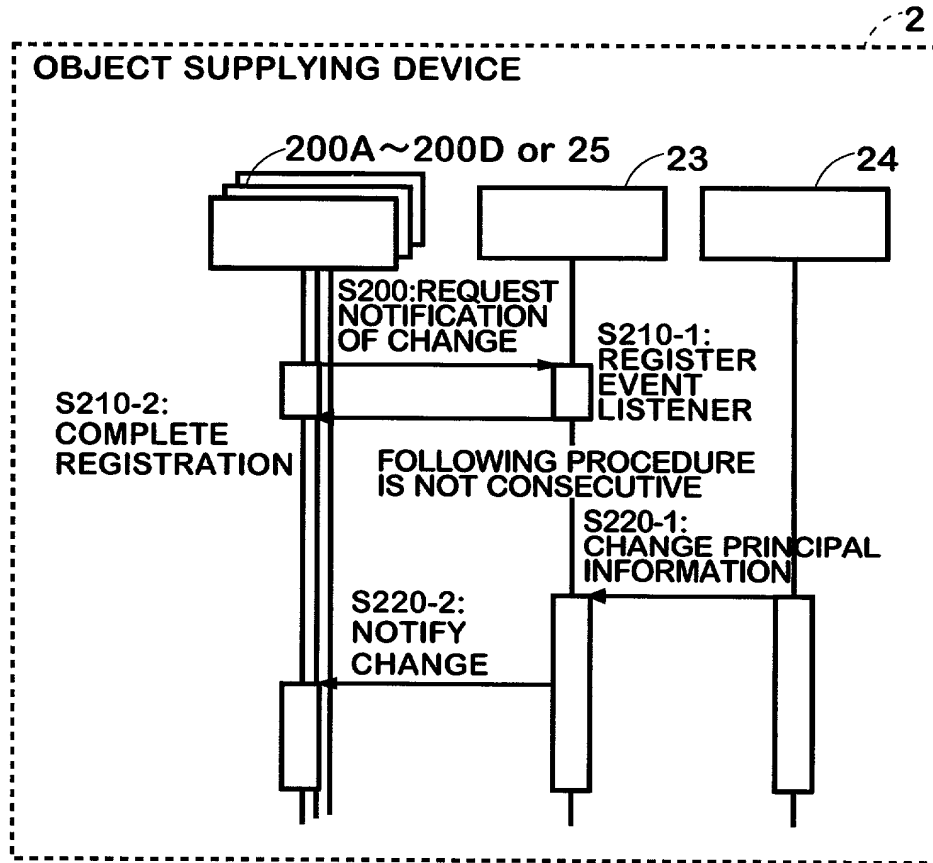


Fig.9

APPLICATION ID	REGISTRATION LISTENER
delivery	listenerA
	listenerB